

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An array device for use in analyzing molecular events between one or more biomolecules and one or more analytes comprising:
 - a) a substrate having at least one surface;
 - b) one or more immobilization regions formed on said known regions of said surface(s), wherein said immobilization regions are adapted for attaching said biomolecules to said surface; and,
 - c) one or more border regions formed on said surface surrounding said immobilization regions, said border region(s) having a ~~first-wettable~~ **hydrophobic** state and a selectively achievable ~~second-wettable~~ **hydrophilic** state ~~different from said first-wettable state~~.
2. (Currently Amended) The array device of claim 1, further comprising one or more convertible functional groups adapted for selectively converting between ~~a said first wettable~~ **hydrophobic form state** and ~~a said second-wettable~~ **hydrophilic form state** when activated ~~by to impart upon said border regions said second-wettable state from said first wettable state~~, **said convertible functional groups activated by an activity selected from the group consisting of photocleavage, photo-isomerization, catalytic-polymerization, and photoreaction activities**.
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)

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Amdt. dated 3/24/2004
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AMENDMENT

7. (Canceled)

8. (Canceled)